



# Macintosh PowerBook 1400 Series Keyboard Replacement

This guide will give you a step by step guide for removing your keyboard.

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## INTRODUCTION

The keyboard has 3 main parts, including the speaker cover, the heat sink, and the keyboard itself. You have to remove these in order to remove the keyboard.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Battery



- Turn the device upside down and then locate the battery latch near the front of the device.

## Step 2



- Slide the latch to the left to release the battery.



## Step 3



- Continue holding the latch then gently pull the battery out of the device.
- ⓘ Place the battery in a safe location.

## Step 4 — CD-ROM Drive



- Locate the CD-ROM Drive latch.



## Step 5



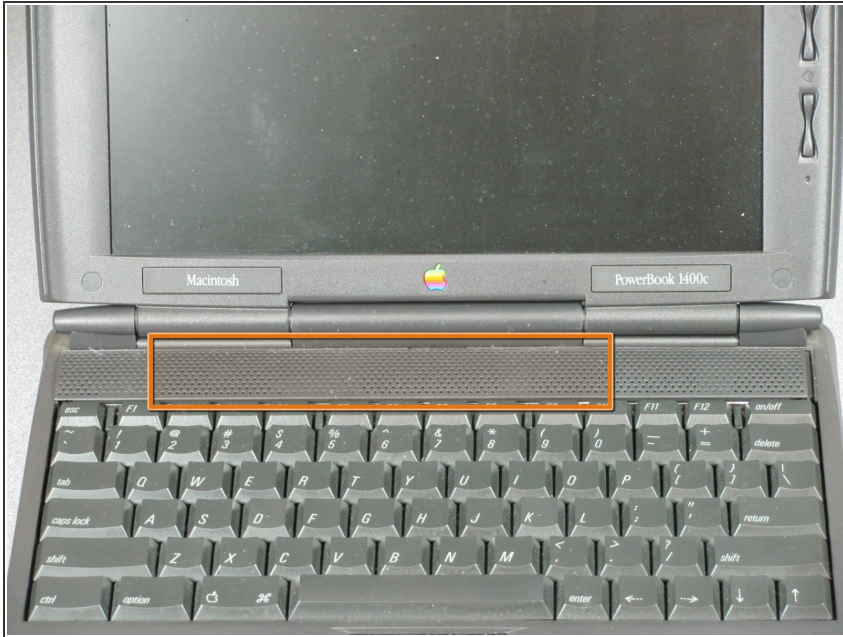
- Slide the latch to the right to release the CD ROM drive.

## Step 6



- Continue holding the latch then gently pull the CD-ROM Drive out of the device.
- ⓘ Place the CD ROM drive in a safe location.

## Step 7 — Keyboard



- Locate the speaker cover.

## Step 8



- Press firmly on each end of the speaker cover and slide it to the left.



## Step 9



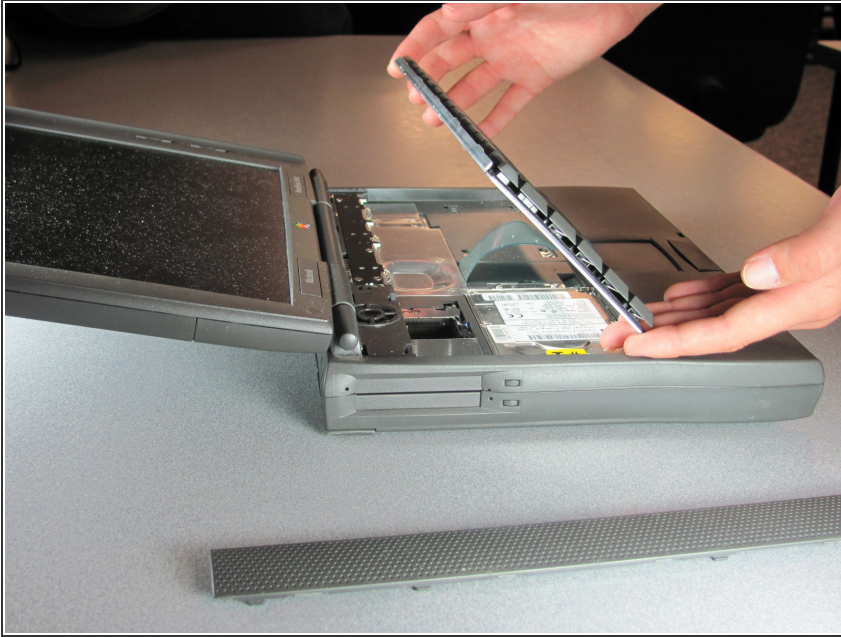
- Gently lift the speaker cover to remove it.

## Step 10



- Lift the keyboard up from the back using a spudger(wedge side).

## Step 11



- Gently lift the keyboard until only the ribbon cable remains attached.

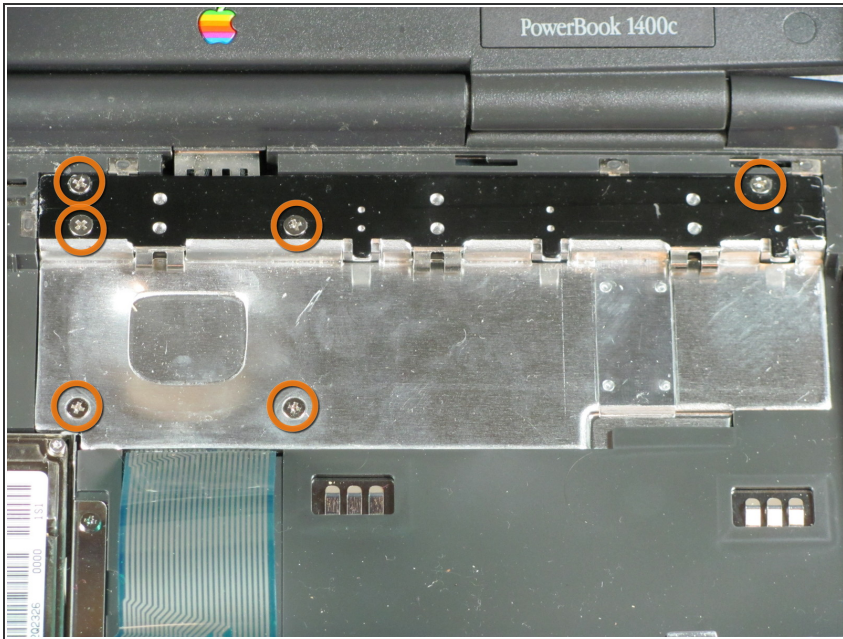
## Step 12



- Tilt the keyboard away from the screen.

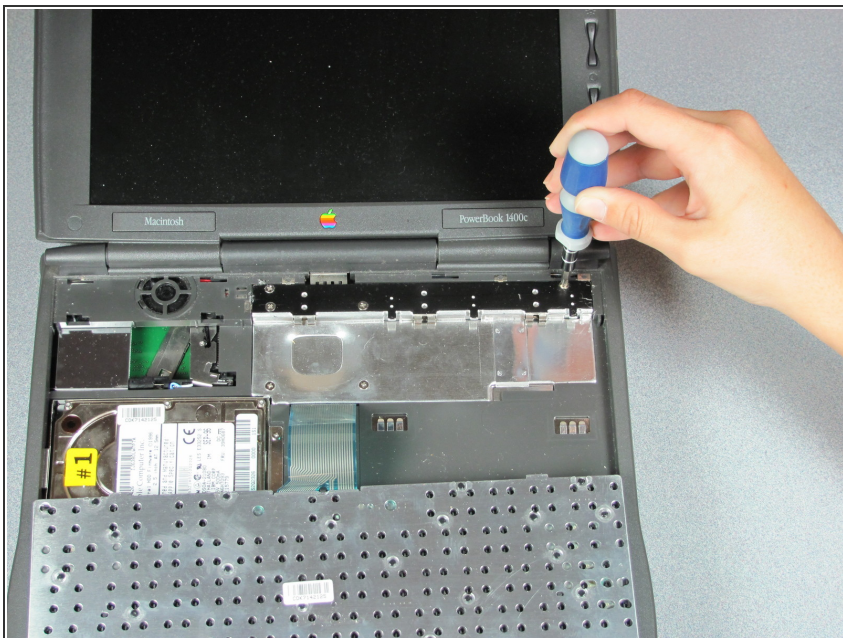


## Step 13



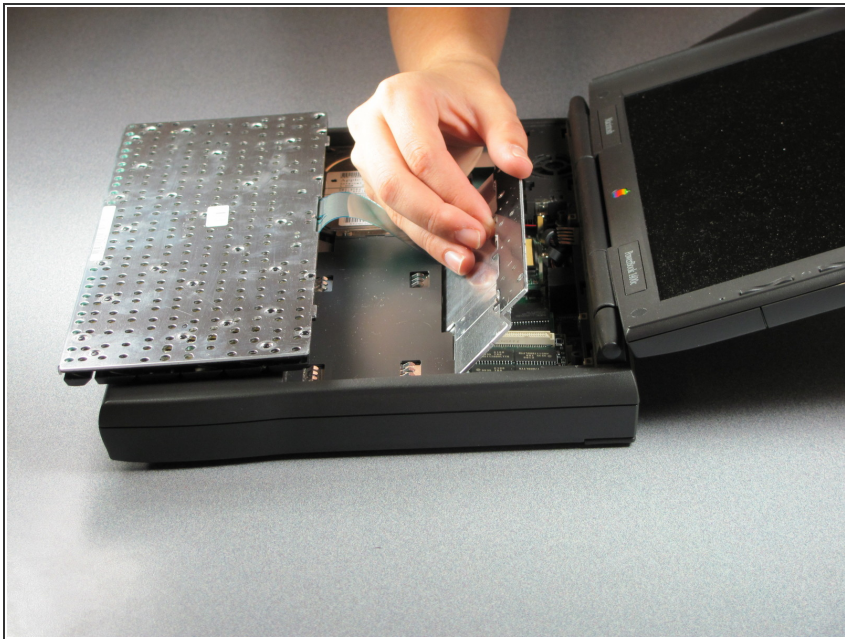
- Locate the six screws that secure the heatsink.

## Step 14



- Remove the six screws from the heatsink using the Philips #1 screwdriver.

## Step 15



- Lift the heatsink from the side closest to the laptop screen.

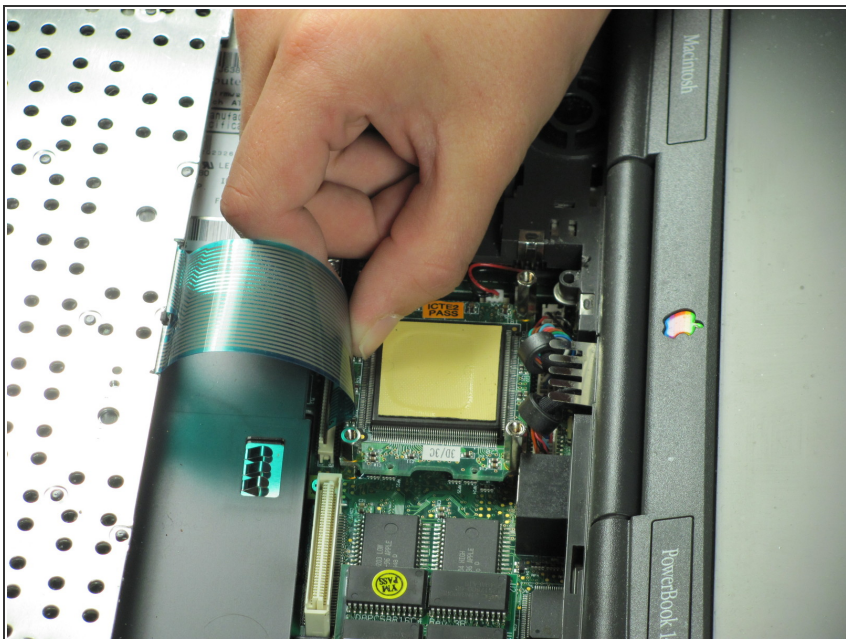
## Step 16



- Remove the heatsink.

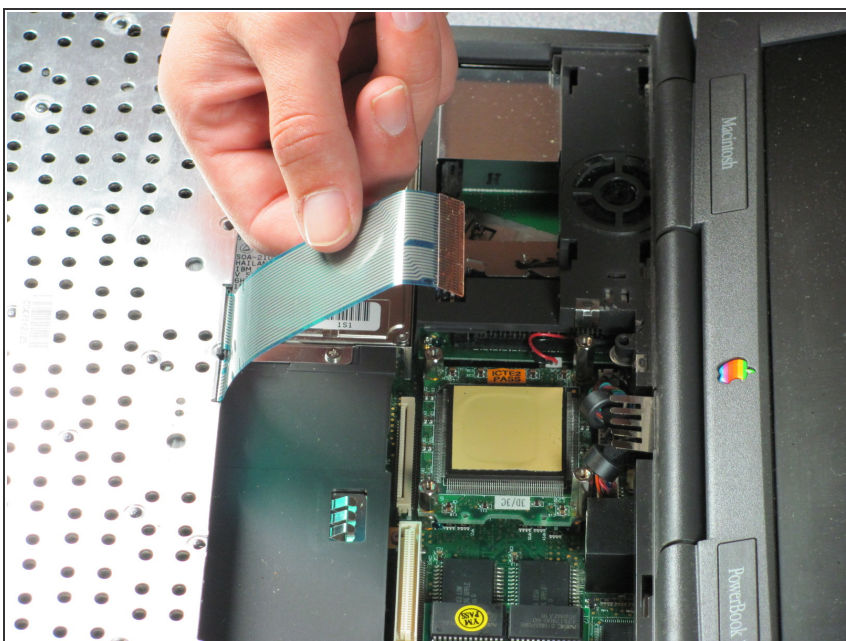


## Step 17



- Gently pull up on the beige ribbon lock until it moves a short distance on both sides to separate the ribbon cable from the connector.

## Step 18



- Detach the ribbon cable.

## Step 19



- Remove the keyboard.

To reassemble your device, follow these instructions in reverse order.

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